



WEEKLY OVERSIGHT REPORT

CH2MHILL**Weekly Summary Report
USEPA Oversight, Sauget Area 2, Sauget, IL
WA No. 224-RXBF-05XX / Contract No. 68-W6-0025****Week Ending Friday February 20, 2004**

This report summarizes the Remedial Action (RA) work conducted by Solutia and its contractors from February 16, 2004 through February 20, 2004. The current RA fieldwork consists of site maintenance and equipment demobilization.

Contractors Onsite

Inquip Associates Inc. (barrier wall construction contractor)
URS (primary consultant for Solutia)

Work Performed This Week**Solutia Bankruptcy / Production Halt**

Work at the site during the week continued with a minimal crew of Inquip operators and laborers performing site and trench maintenance activities. Inquip continued to demobilize unused equipment off site. Work continued to demobilize and remove parts off site of the Liebherr 843 hydraulic clamshell rig.

Groundwater Migration Control System (GMCS)

The Groundwater Migration Control pumping system flow rate remained consistent throughout the week, at or near maximum pumping rates for each extraction well. For approximately three hours on February 18, EW-3 halted pumping and was subsequently restarted without problem. The river elevation remained stable during the week at 378.8 ft above mean sea level (amsl) on February 20, in comparison to 379.7 ft amsl on February 13, 2004. The combined pumping rate of the system at the close of the week was 2,175 gallons per minute (gpm), or approximately 725 gpm per extraction well.

Two of the four piezometers upgradient of the barrier wall, P1S and P3E, generally showed water elevations lower than the river levels through the week. Piezometers P2E and P4E generally maintained water levels slightly higher than the river during the most of the week, though as the river level started to rise on February 20, water in these two wells reached equivalent elevations to the river.

Table 1 shows the river and piezometer water elevations on February 20 (16:00 PM).

TABLE 1
River and Piezometer Water Elevations – February 20, 2004 (16:00 PM)

	Elevation (ft above mean sea level)
River Level	378.81
Piezometer 1S (northern-most)	377.50
Piezometer 2E	378.81
Piezometer 3E	377.73
Piezometer 4E (southern-most)	378.81

Stormwater

Inquip pumped stormwater that had been previously been ponded and frozen, but melted during the week. The stormwater was pumped from locations within the exclusion zone into the north modutank.

Slurry Mixing

No fresh slurry was mixed during the week.

Barrier Wall Construction

No barrier wall construction activities occurred during the week.

The open trench remains at approximately 1,300 feet in length along the barrier wall alignment from station 23+60 towards station 10+60 (please refer to Solutia's map for locations.) No backfill activities occurred during the week.

The trench depths were measured on one day during the week. The trench depth measurements from the morning of February 20 are shown in Table 2. The trench profile is depicted in Graph 1, in comparison to the last measured trench profile during active site construction on January 23, 2004. Graph 2 shows the overall progress of the barrier wall construction. It was noted that at the south end of the barrier wall trench (between stations 10+60 and 11+60) the trench depth measured has decreased from the maximum excavated depth, indicating material settling in this end of the trench.

Fresh slurry was pumped from the holding ponds into the trench on two days during the week. Testing of fresh and trench slurry samples occurred on February 20, 2004. Slurry testing was performed during the week by Inquip. The slurry was tested for viscosity, density (unit weight), filtrate loss, pH and sand content. The results of the slurry samples generally met the specifications, except the bottom trench slurry sample exceeded the viscosity specification (112 seconds to pass through the Marsh Funnel, specification is 40 to 100 seconds.)

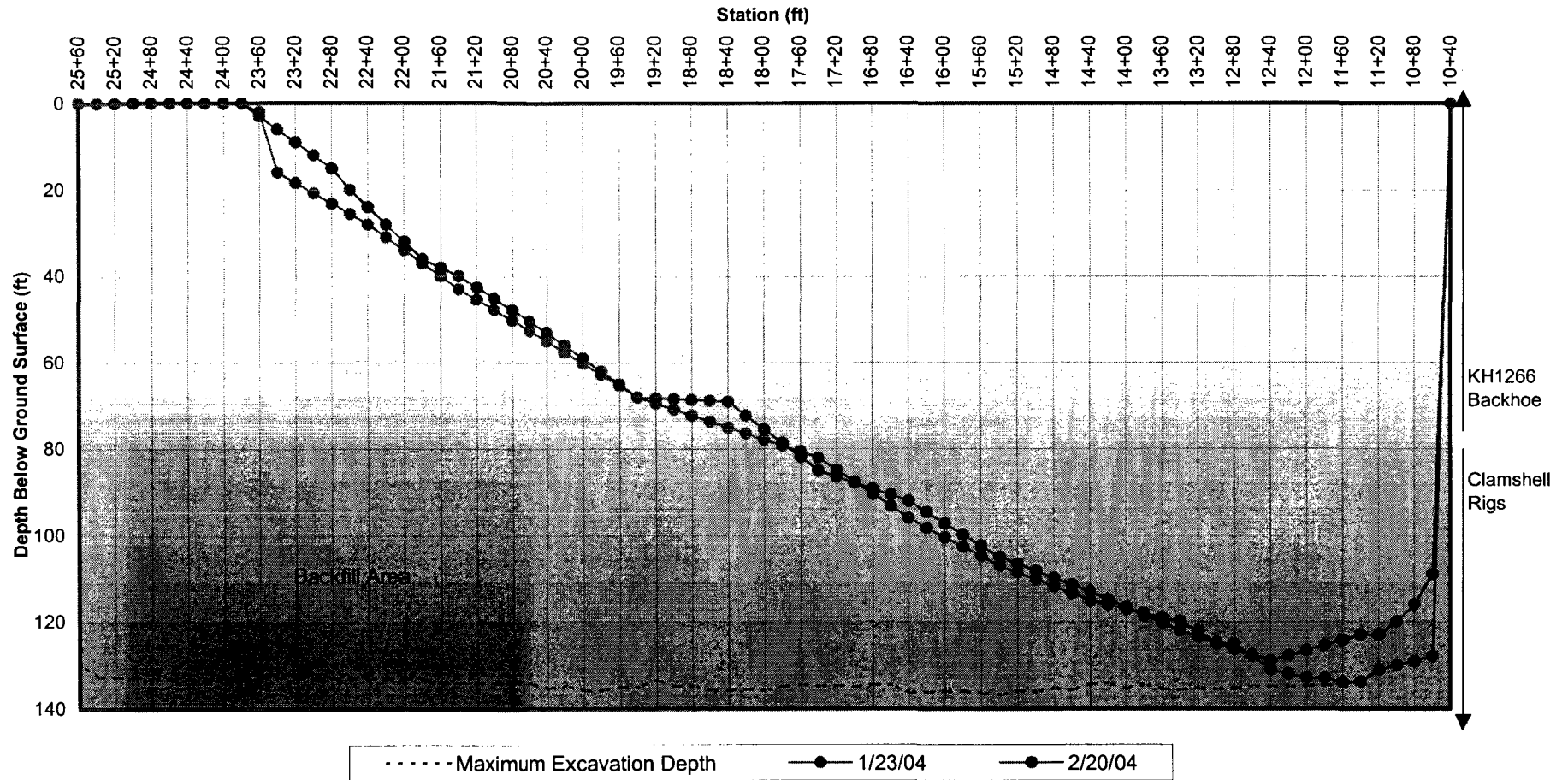
TABLE 2

Trench Profile (Downrigger Measurements) for the Barrier Wall Trench – February 20, 2004 (AM)

Station ID	Depth to bottom (ft below ground surface)
10+70	109
10+90	116
11+30	123
11+40	123
12+40	129
13+40	122
14+40	113
15+40	105
16+40	92
17+40	85
18+40	69
19+40	68
20+40	53
21+40	40

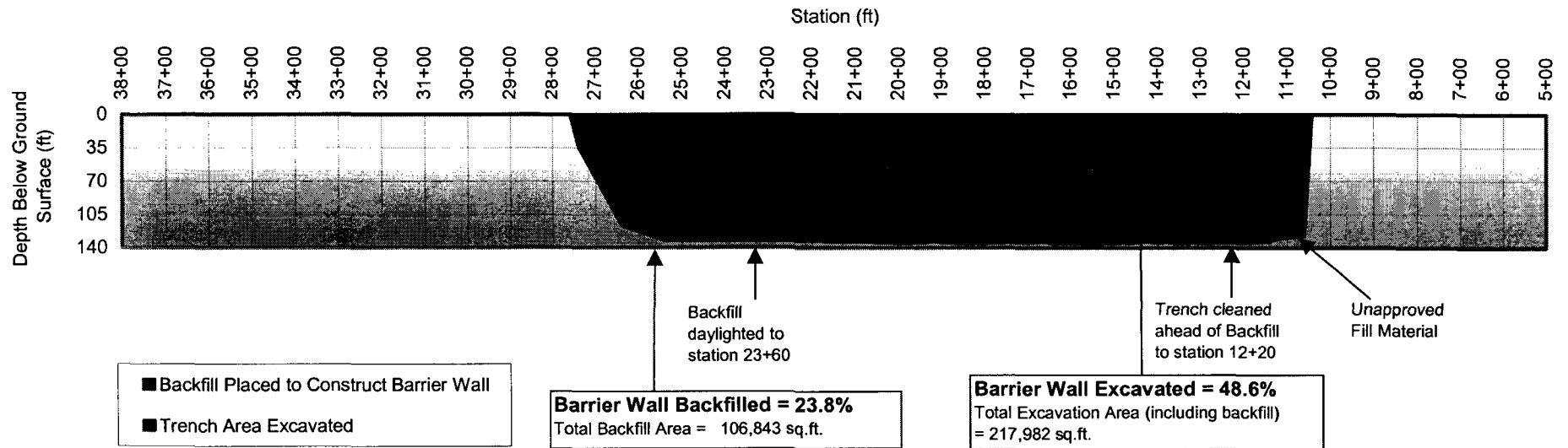
Construction Progress

Graph 1 - Weekly Barrier Wall Construction Progress
Comparison between trench profiles measured January 23, 2004 and February 20, 2004



Note: Data plotted for week through AM measurements on 2-20-04.
 Some data points are interpolated between the available data points where trench depth measurements were read.

Graph 2 - Barrier Wall Construction Progress by February 20, 2004



Note: Data plotted for week through AM measurements on 2-20-04.

Backfill and Excavation Areas and Percentages are calculated daily by URS based on excavation logs from cranes